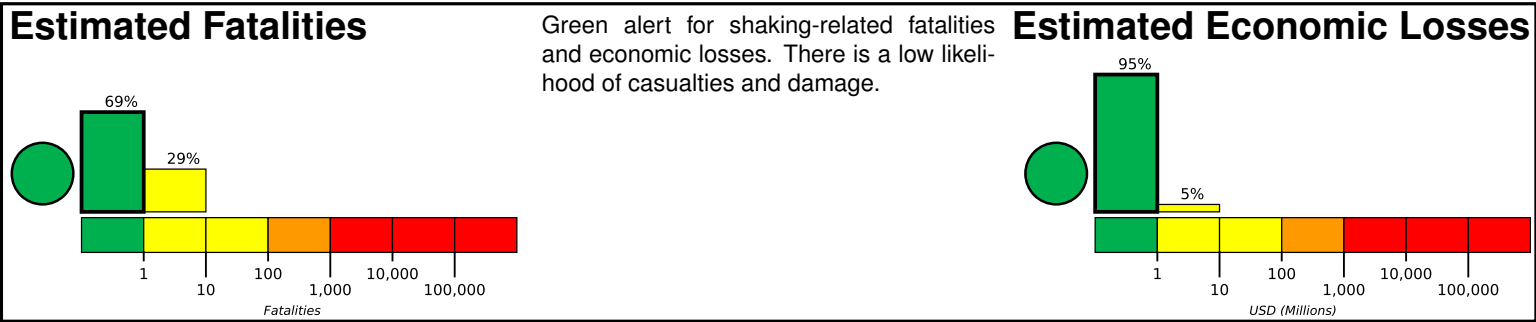


M 5.7, 2 km SW of Phala, Hawaii

Origin Time: 2024-02-09 20:06:31 UTC (Fri 10:06:31 local)
Location: 19.2423° N 155.4977° W Depth: 28.0 km

PAGER
Version 6

Created: 1 day, 0 hours after earthquake

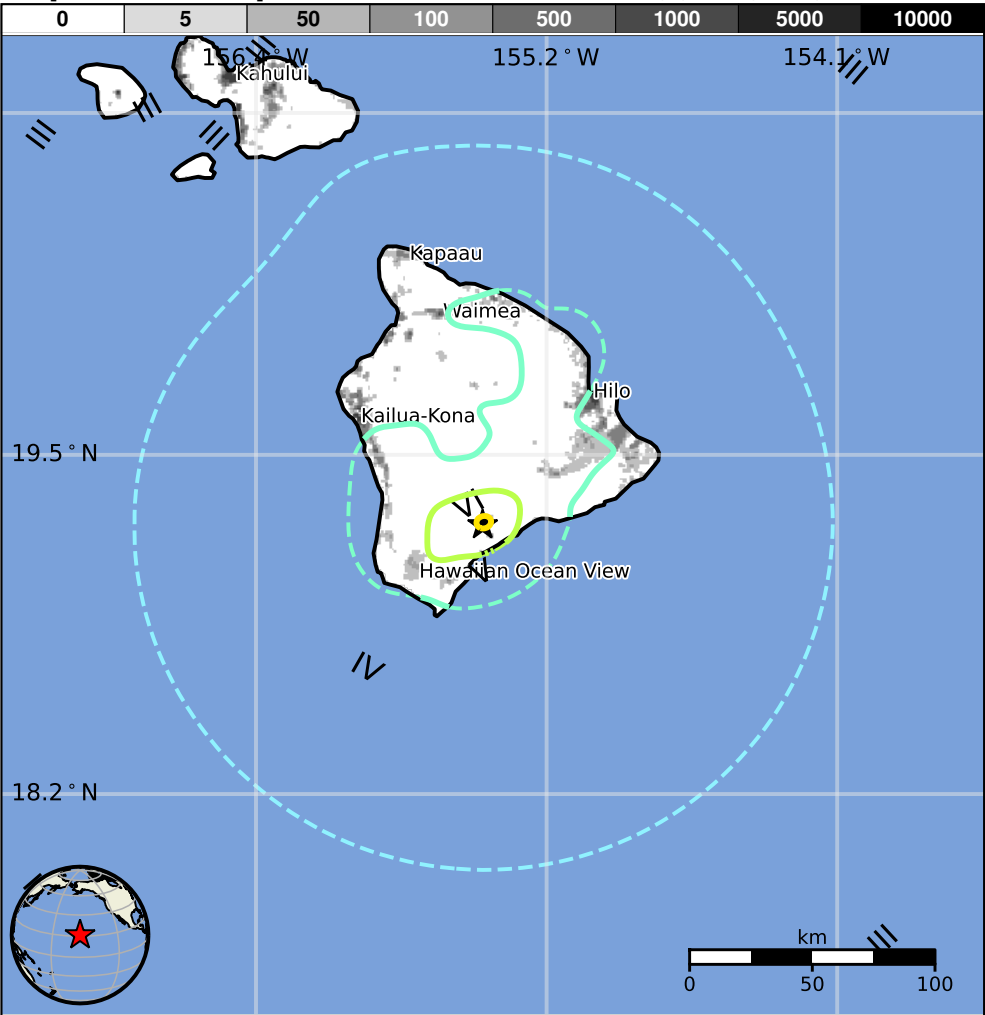


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	164k*	136k	58k	2k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1973-04-26	88	6.2	VII(74k)	0
2006-10-15	85	6.7	VIII(15k)	0
1975-11-29	53	7.2	IX(30k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Pahala	1k
V	Hawaiian Ocean View	4k
V	Honolulu-Napoopoo	3k
V	Pepeekeo	2k
V	Mountain View	4k
V	Papa'ikou	1k
IV	Hilo	43k
IV	Kailua-Kona	12k
III	Wailuku	15k
III	Kahului	26k
III	Kihei	21k